

1st ICGR-GnRH
CONGRESS

ICGR-IV Modena 2017

International Conference
on Gonadotropins and Receptors

12th International Symposium on GnRH

The hypothalamic-pituitary-gonadal
axis in cancer and reproduction

MODENA - ITALY 2017

20th - 23rd September

Complesso S. Geminiano
Via S. Geminiano, 3



PRELIMINARY PROGRAM

Scientific Committee

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David Puett (USA)

Eric Reiter (France)

Manuel Tena Sempere (Spain)

Alfredo Ulloa-Aguirre (Mexico)

Jacques Young (FR)

Location:

Complesso S. Geminiano

Via S. Geminiano, 3 - Modena

This is an old monastery, currently the seat of Juristic Faculty of the University with lecture rooms. Located in the city center, at 200 mt from the medieval cathedral and Piazza Grande.

How to reach Modena:

Airport: International Airport Guglielmo Marconi Bologna (BLQ) (www.bologna-airport.it), 35 Km from Modena.

Train connections to Modena every 20 min, bus connection every two hours.

ICGR-IV 2017 and 12th GnRH Symposium Modena, Italy, 20-23 September 2017

Program

Wednesday, 20 September 2017

14.00 Registration

16.00 Opening Ceremony

16.15 SYMPOSIUM I - NOVEL REGULATORY MECHANISMS OF THE REPRODUCTIVE BRAIN

Control of GnRH neurons by microRNAs

Control of Kiss I neurons by microRNAs: Implications for puberty

Epigenetics and the control of the reproductive brain

Gonadotropin inhibitory hormone

17.45 “BERNARD ZONDEK” INAUGURAL PLENARY LECTURE

The control of ovarian cycle from “Prolan A” to “KNDy neurons”

Bruno Lunenfeld (Ramat Gan, Israel)

18.45 Welcome cocktail

Thursday, 21 September 2017

09.00 SYMPOSIUM II – NEW ASPECTS ON GONADOTROPIC FUNCTION I

- Development of GnRH-secreting neurons from human pluripotent stem cells
- Circadian regulation of gonadotropin receptors in female reproduction
- Development of neurons controlling fertility; novel role of AMH

09.45 PLENARY LECTURE II

- The Michael P. CONN Memorial Lecture
- GnRHR-mediated signaling

11.15 Break and poster session

11.30 Oral communication I - 4 short talks

12.30 Lunch

13.30 Oral communication II - 4 short talks

14.30 SYMPOSIUM III - NEW ASPECTS OF GONADOTROPIC ACTION 2

- Anti-FSH antibodies for cell signaling studies
- Small molecule allosteric modulators of gonadotropin action
- New aspect of gonadotropins' combination in ART

16.00 Break and poster session

16.15 SYMPOSIUM IV – BIASED SIGNALING AND DI/OLIGOMERIZATION

GPCR transactivation and di/oligomerization in mice models

Differences between LH- and hCG-mediated signaling

β -arrestins/ $G\alpha i$ protein and biased signaling

17.45 PLENARY LECTURE III

Update on glycosylation in FSH-FSHR interaction and signaling

Friday, 22 September 2017



09.00 SYMPOSIUM V - HYPOGONADOTROPIC HYPOGONADISM AND MINI-PUBERTY

Mini-puberty and hypogonadotropic hypogonadism

Genetics of precocious puberty

Genetics of delayed puberty

09.45 PLENARY LECTURE IV

GPCR crystallization

11.15 Break and poster session

11.30 Oral communication III - 4 short talks

12.30 Lunch

13.30 Oral communication II - 4 short talks



14.30 SYMPOSIUM VI – TRANSGENIC MODELS

Genetic mice models of LH receptor
Gonadotropin signaling in zebra fish
Transgenic models of gonadotropin action

16.00 Break and poster session

16.15 SYMPOSIUM VII – EXPANDING TARGETS OF FSH ACTION

Novel FSH signaling mechanisms in PCOS
Extragonadal FSH action revisited
Spermatogenesis without testosterone; novel functions of FSH

17.45 PLENARY LECTURE V

New dynamics of GPCR intracellular signaling

Saturday, 23 September 2017

09.00 SYMPOSIUM VIII – GONADOTROPIN RECEPTORS AS MODELS OF GPCR ACTION

Gonadotropin receptor trafficking and signaling
In silico analyses of GPCR functions
Gonadotropin receptors trafficking

10.30 Break

10.45 SYMPOSIUM IX

Deciphering genetic co-founders of the FSH and LH Signaling Network

G α -cAMP-linked disorders: current view and open issues

Persistent cAMP Signaling by Internalized LH Receptors in Ovarian Follicles

12.15 Closing ceremony



ORGANIZING SECRETARIAT

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